

US EPA ARCHIVE DOCUMENT

# Oil Sample Analysis Report

U. S. EPA Region V  
Case Number E10527

Marine Safety Laboratory  
Case Number 10-296



U.S. Department of  
Homeland Security

**United States  
Coast Guard**



Manager  
U.S. Coast Guard  
Marine Safety Laboratory

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16450  
13 Aug 2010

U. S. Environmental Protection Agency  
Attn: Jeff Binkley  
9311 Groh Rd.  
Grosse Ile, MI 48138

Dear Jeff Binkley:

The laboratory analysis of this case has been completed and our report is forwarded. The technical data supporting the report (spectrograms and chromatograms) have been archived at our facility and are available upon request. We will maintain the oil samples in refrigerated storage pending final case disposition.

Questions concerning this report or the analytical methods used should be directed to the Supervisor of Analysis, Kristy Juare.

  
K. JUARE  
By direction

Encl: (1) MSL Report 10-296

United States Coast Guard  
Marine Safety Laboratory  
Oil Spill Identification Report  
10-296

Requestor: U. S. EPA Region V

Unit Case/Activity Number: E10527

Received: 10-Aug-10

Via: Federal Express 7938 0302 6784

Number Of Samples: 1

Lab NO. of Spills: 1

Lab NO. of Suspects: n/a

Lab NO. of Background: n/a

Analysis Methods:

- GAS CHROMATOGRAPHY (GC)  
 GAS CHROMATOGRAPHY-MASS SPECTROMETRY (GC-MS)  
 INFRARED SPECTROSCOPY (IR)

Laboratory's Conclusion (as explained below): OTHER

SPECIAL INSTRUCTIONS: Compare the sample to MSL Case 10-275.

RESULTS:

1. Sample 10-296-1 was specified to be representative of spilled oil. This sample does not contain a quantity of petroleum oil sufficient for conclusive identification or comparison based on the analysis conducted.

CONCLUSIONS:

1. Sample 10-296-1 is not useful for correlation analysis due to an insufficient quantity of petroleum oil.

SUPERVISOR OF ANALYSIS

K. JUAIRE



DATE

12-Aug-10